

IN THE CLAIMS:

Please amend the claims as indicated below:

1. (Amended) A [P]process for preparing a micaceous product comprising a support and a mica sheet capable of being impregnated [, which is preferably in the form of a mica tape obtained by combining at least one support and a mica sheet, characterized in that:], said process comprising:

[the support or the mica sheet is coated] coating a component of said micaceous product with at least one [a] solvent-free resin [or a mixture of solvent-free resins], with [the] an aid of several coating rollers at a working temperature for [the] a coating operation of between 40°C and 200°C[.];

[the support is combined] combining the support with the mica sheet[.]; and
[they are subjected] subjecting said support and said mica sheet to a pressure and temperature treatment; thereby
preparing said micaceous product.

2. (Amended) The [P]process according to Claim 1, [characterized in that] wherein the [coating] working temperature for the coating operation is [precisely] adjusted so as to obtain [finally] a micaceous product [whose] with a resin content [is] of between 1% and 10% [and preferably between 4% and 8%] relative to the total weight of [the tape] said micaceous product.

3. (Amended) The [P]process according to Claim 1 [or 2], [characterized in that] wherein the pressure and temperature treatment is [carried out] performed at a temperature between 40°C and 200°C [for] and a pressure [of] between 0 and 20 bar.

4. (Amended) The [P]process according to [any one of the preceding claims] Claim 1, [characterized in that] wherein a small amount of impregnation resin [, optionally in solvent medium,] is incorporated into the mica sheet, prior to the coating [step] operation.

5. (Amended) The [P]process according to [any one of the preceding claims] Claim 1, [characterized in that] wherein the resin [intended] for the coating operation [is a resin whose] has a melting point that is lower than the working temperature.

6. (Amended) The [P]process according to [any one of the preceding claims] Claim 1, [characterized in that] wherein the resin is a solvent-free resin [preferably of silicone or epoxy type and more particularly belonging to the family of DGEBA resins].

7. (Amended) The [P]process according to [any one of the preceding claims] Claim 1, [characterized in that] wherein an accelerator is incorporated into the coating resin.

8. (Amended) The [P]process according to [any one of the preceding claims] Claim 1, [characterized in that] wherein an accelerator is incorporated into the mica sheet.

9. (Amended) The [P]process according to [any one of the preceding claims] Claim 1, [characterized in that] wherein an accelerator is incorporated into the support.

10. (Amended) The [P]process according to [any one of the preceding claims] Claim 7, [characterized in that] wherein the accelerator is a compound selected from the group consisting of a nitrogen compound [or] and an organometallic compound.

11. (Amended) The [P]process according to [any one of the preceding claims] Claim 1, [characterized in that] wherein the support [may be] is a material selected from the group consisting of a film, a fabric [or], and a felt.

12. (Amended) The [P]process according to [any one of the preceding claims] Claim 1, [characterized in that] wherein the mica sheet is a mica paper.

13. (Amended) The [P]process according to [any one of the preceding claims] Claim 1, [characterized in that] wherein the mica sheet is prepared from [muscovite which may or may not have been calcinated] from a material selected from the group consisting of muscovite, phlogopite, vermiculite, synthetic mica, and a combination thereof [, from phlogopite, from vermiculite or from synthetic mica, or from a combination thereof].

14. (Amended) A [M]micaceous product capable of being impregnated [, which is preferably in the form of a mica tape,] comprising:

a support coated with a solvent-free resin; and

[combined with] a mica sheet,

[characterized in that] wherein the resin content of said micaceous product is between 1% and 10% [and preferably between 4% and 8%] relative to the total weight of [the tape] said micaceous product.

15. (Amended) A [M]micaceous according to Claim 14, [characterized in that] wherein the support is a fabric, comprising weft yarns and warp yarns, on which the resin deposits appear [essentially on the weft yarns at the intersection with the warp yarns] at intersections where a weft yarn of the fabric superimposes a warp yarn of the fabric.

16. (Amended) A [M]micaceous product according to Claim 15 [characterized in that] wherein the resin content is between 4% and 10% relative to the total weight of the tape.

17. (Amended) A [M]micaceous product according to Claim 15 [or 16], [characterized in that] wherein the support is a fabric on which the resin deposits appear essentially on the weft yarns at the intersection with the warp yarns.

Please add the following new claims:

18. (New) The process according to Claim 1, wherein the micaceous product is a mica tape.

19. (New) The process according to Claim 2, wherein the resin content of the micaceous product is between 4% and 8% relative to the total weight of said micaceous product.

20. (New) The process according to Claim 4, wherein the impregnation resin is in a solvent medium.

21. (New) The process according to Claim 6, wherein the resin is a solvent-free resin of the type selected from the group consisting of a silicone type and an epoxy type.

22. (New) The process according to Claim 6, wherein the solvent-free resin is made of a material that belongs to the family of DGEBA resins.

23. (New) The process according to Claim 8, wherein the accelerator is a compound selected from the group consisting of a nitrogen compound and an organometallic compound.

24. (New) The process according to Claim 9, wherein the accelerator is a compound selected from the group consisting of a nitrogen compound and an organometallic compound.

25. (New) The process according to Claim 13, wherein the mica sheet is prepared from muscovite that has been calcined.

26. (New) The micaceous product according to Claim 14, wherein the micaceous product is a mica tape.